What Is Claimed Is:

1. A satellite system operating over a land mass comprising:

a first satellite generating a first plurality of spot beams directed at said land mass, said first set of spot beams partially covering said land mass;

a second satellite generating a second plurality of spot beams;

said first plurality of spot beams and said second plurality of spot beams in combination provide substantially ubiquitous coverage over the land mass.

2. A satellite system as recited in claim 1 wherein said first satellite and said second satellite are selected from the group consisting of a MEO, a GEO, and an IGSO.

3. A satellite system as recited in claim 1 wherein said spot beams are V band.

4. A satellite system as recited in claim 1 wherein said spot beams are K band.

5. A satellite system as recited in claim 1 wherein said first plurality of spot beams comprise a plurality of reconfigurable spot beams.

6. A satellite system as recited in claim 1 wherein said plurality of reconfigurable spot beams

comprises a first spot beam directed at a first area and a second spot beam directed substantially to said first area.

7. A satellite system as recited in claim 1 wherein at least one of said plurality of spot beams having a plurality of beam portions.

8. A satellite system as recited in claim 1 wherein said at least one of said plurality of beam portions being independently adjustable in response to a condition.

9. A satellite system as recited in claim 8 wherein said condition is rain.

10. A satellite system as recited in claim 8 wherein said condition is heavy traffic routed through said satellite.

11. A portable antenna assembly for communicating with a satellite comprising:

a connector;

a transmission wire coupled to said connector; and

an antenna element coupled to said transmission wire, said antenna element sending and receiving signals from said satellite.

12. A portable antenna assembly as recited in claim 11 wherein said antenna element comprises a parabolic dish.

13. A portable antenna assembly as recited in claim 11 wherein said antenna element comprises a phased array.

14. A portable antenna assembly as recited in claim 11 wherein said antenna element generates a mechanically steered electronically shaped beam.

15. A portable antenna assembly as recited in claim 11 further comprising a motor coupled to said antenna element.

16. A portable antenna assembly as recited in claim 15 further comprising an antenna controller coupled to said motor for controlling a position of said antenna element through said motor.

17. A system for communicating with a satellite comprising:

an electronic device having a communications port; and

a portable satellite antenna coupled to said communications port for coupling said electronic device directly to a satellite.

18. A system as recited in claim 17 wherein said electronic device has an antenna controller coupled to said electronic device.

19. A system as recited in claim 17 wherein said electronic device comprises a laptop computer.

20. A system as recited in claim 17 wherein said electronic device comprises a computer in an automotive vehicle.

21. A system as recited in claim 19 wherein said automotive vehicle is one from the group consisting of an airplane, a car, a boat, and a train.

22. A switch for use in a satellite system comprising:

a receiver for receiving a signal from a beam of a signal source;

a beam router;

a controller coupled to said receiver, said controller directing the signal to said beam router, said controller controlling the operation of the beam router; and

a bent pipe repeater coupled to said router, said bent pipe repeater directing the signal back to the beam; and

a digital packet switch coupled to said controller to direct the signal to a second beam.

23. A switch as recited in claim 22 wherein said signal source is a terrestrial system.

24. A switch as recited in claim 22 wherein said signal source is another satellite.

25. A switch as recited in claim 22 wherein said digital packet switch comprises a demodulator.

26. A switch as recited in claim 22 wherein said digital packet switch comprises an instruction reader for reading an instruction.

27. A switch as recited in claim 22 further comprising a look up table, said look-up table providing a routing instruction to said controller.

28. A switch as recited in claim 22 wherein said digital packet switch comprises a beam router for routing the beam.

29. A switch as recited in claim 22 wherein said digital packet switch comprises a remodulator.

30. A switch as recited in claim 22 wherein said bent pipe comprises a carrier frequency shifter.